

Appl. No. 10/075,249
Response dated April 6, 2006
Reply to Office action of January 10, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of determining the susceptibility of a patient to antidepressant-induced mania comprising:
 - (a) obtaining a sample from the patient; and
 - (b) testing the sample for the presence of the s variant of the 5HTTLPR polymorphism in the 5HTT gene, wherein the presence of the s variant indicates that the patient is more susceptible to antidepressant-induced mania;

wherein the patient has a Biopolar Disorder and is treated with an antidepressant that is a pro-serotonergic agent.
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Currently Amended) A method according to claim-4 1 wherein the pro-serotonergic agent is clomipramine, fluvoxamine, fluoxetine, paroxetine, sertraline, citalopram, imipramine, nefazodone, venlafaxine or moclobemide.
6. (Previously Presented) A method according to claim 1 wherein the sample is blood.

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7. (Previously Presented) A method according to claim 1 wherein step (b) comprises (i) extracting nucleic acids from the sample; (ii) amplifying the extracted nucleic acids using polymerase chain reaction (PCR); (iii) performing electrophoresis of the PCR products; and (iv) determining the presence of the polymorphism.
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)